



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D130-1046-211
Job Sheet 186520



Part No: D130-1046-211

Job Qty: 1 pcs

Part Name: EC130/H130 Cable Cutter Lower Removable Provisions



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/16/18

Job Tracking No:

Due Date: 12/21/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: D130-1046-211 REV.A IPP REV:A 18.04.26 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	1 pcs	12/21/18		0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		APR 03 2019
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		
							Packaging 1 - 31		

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CANADA
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Container No: S169130

Part: D130-1046-211

Job No: 186520

Serial No/Batch: S169130

Revision: A

Inspector:

Exp Date:

Instructions: FAA STC SR02609SE 18/08/09, 16, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

					Packaging 1 - 32	
					Packaging 1 - 33	
					Packaging 1 - 34	
					Packaging 1 - 35	
					Packaging 1 - 36	
120 QC 4	1 pcs	12/21/18	0.00 0.00	QC 4 - 26		
				QC 4 - 28		
				QC 4 - 38		
				QC 4 - 42		
				QC 4 - 58		
				QC 4 - 6		
				QC 4 - 69		
				QC 4 - 9		
				QC 4 - 46		
130 Packaging 3-1 - Stock - B4B	1 pcs	12/21/18	0.00 0.00	Packaging 3 - 1 - B4B		
				Packaging 3 - 2 - B4B		
				Packaging 3 - 3 - B4B		
				Packaging 3 - 4 - B4B		
				Packaging 3 - 5 - B4B		
				Packaging 3 - 6 - B4B		
				Packaging 3 - 7 - B4B		
				Packaging 3 - 8 - B4B		
				Packaging 3 - 9 - B4B		
				Packaging 3 - 10 - B4B		
				Packaging 3 - 11 - B4B		
				Packaging 3 - 12 - B4B		
				Packaging 3 - 13 - B4B		
				Packaging 3 - 14 - B4B		
				Packaging 3 - 15 - B4B		
				Packaging 3 - 16 - B4B		
				Packaging 3 - 17 - B4B		
				Packaging 3 - 18 - B4B		
				Packaging 3 - 19 - B4B		
				Packaging 3 - 20 - B4B		
				Packaging 3 - 21 - B4B		
				Packaging 3 - 22 - B4B		
				Packaging 3 - 23 - B4B		
				Packaging 3 - 24 - B4B		
				Packaging 3 - 25 - B4B		
				Packaging 3 - 26 - B4B		
				Packaging 3 - 27 - B4B		
				Packaging 3 - 28 - B4B		
				Packaging 3 - 29 - B4B		
				Packaging 3 - 30 - B4B		
				Packaging 3 - 31 - B4B		
				Packaging 3 - 32 - B4B		
				Packaging 3 - 33 - B4B		
				Packaging 3 - 34 - B4B		
				Packaging 3 - 35 - B4B		
				Packaging 3 - 36 - B4B		
135 DC - 1 - B4B	1 pcs	12/21/18	0.00 0.00	DC - 1 - B4B		
				DC - 2 - B4B		
140 QC 21 - FG	1 pcs	12/21/18	0.00 0.00	QC 21 - FG - 21		
				QC 21 - FG - 70		

Part Op 110 - (Pick Kit)

Descriptions: 120 - (QC4- 100% Inspect kits for completeness)

130 - (Identify as per dwg & Stock Location:) Identify and pack for shipping as per PPP D130-1046-211

Location:

135 - (Document Control) Photocopy bluefile & type labels per PPP D130-1046-211 CHG001

140 - (QC21- Final Inspection - Work Order Release)

DAS
46
9-88
46
9-89

APR 04 2019

APR 04 2019

DAS
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APR 04 2019

DAS
21
9-38
APR 04 2019

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D5555-041	Lower Cutter Assembly	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	51260831
D5620-M5-12	Screw, Brass	4 pcs (4 ea)	110-Packaging 1 - Pick Kit	51194101
LN9016-06K	Washer	4 pcs (4 ea)	110-Packaging 1 - Pick Kit	51192361
LN9386-06025A	Bolt, Titanium	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	51363321
LN9386-06028	Bolt, Titanium	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	51244131

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	D5555-041	1	2	0
	D5620-M5-12	4	56	0
	LN9016-06K	4	47	0
	LN9386-06025A	2	24	0
	LN9386-06028	2	14	0

Part Specifications

Specifications could not be found.



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D130-1046-211
Job Sheet 186520



Part No: D130-1046-211

Job Qty: 1 ea

Part Name: EC130/H130 Cable Cutter Lower Removable Provisions



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/16/18

Job Tracking No:

Due Date: 12/21/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: D130-1046-211 REV.A IPP REV:A 18.04.26 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		12/21/18	0.00	0.00	Start Up Stores/Pkg-2		
110	Packaging	1 pcs		12/21/18	0.00	0.00	Packaging1-5		
120	QC	1 pcs		12/21/18	0.00	0.00	QC4		
130	Packaging	1 pcs		12/21/18	0.00	0.00	Packaging3-2		
135	DC	1 pcs		12/21/18	0.00	0.00	DC		
140	QC21-FG	1 Ea		12/21/18	0.00	0.00	QC21		

Part Op 130 - Identify and pack for shipping as per PPP D130-1046-211 Location: _____
Descriptions: 135 - Photocopy bluefile & type labels per PPP D130-1046-211 CHG001

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D5555-041	Lower Cutter Assembly	1 Ea (1 ea)	90-Start up Operation	
D5620-M5-12	Screw, Brass	4 Ea (4 ea)	90-Start up Operation	
LN9016-06K	Washer	4 pcs (4 ea)	90-Start up Operation	
LN9386-06025A	Bolt, Titanium	2 pcs (2 ea)	90-Start up Operation	
LN9386-06028	Bolt, Titanium	2 pcs (2 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	D5555-041	1	4	0
	D5620-M5-12	4	60	0
	LN9016-06K	4	70	0
	LN9386-06025A	2	0	0
	LN9386-06028	2	20	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



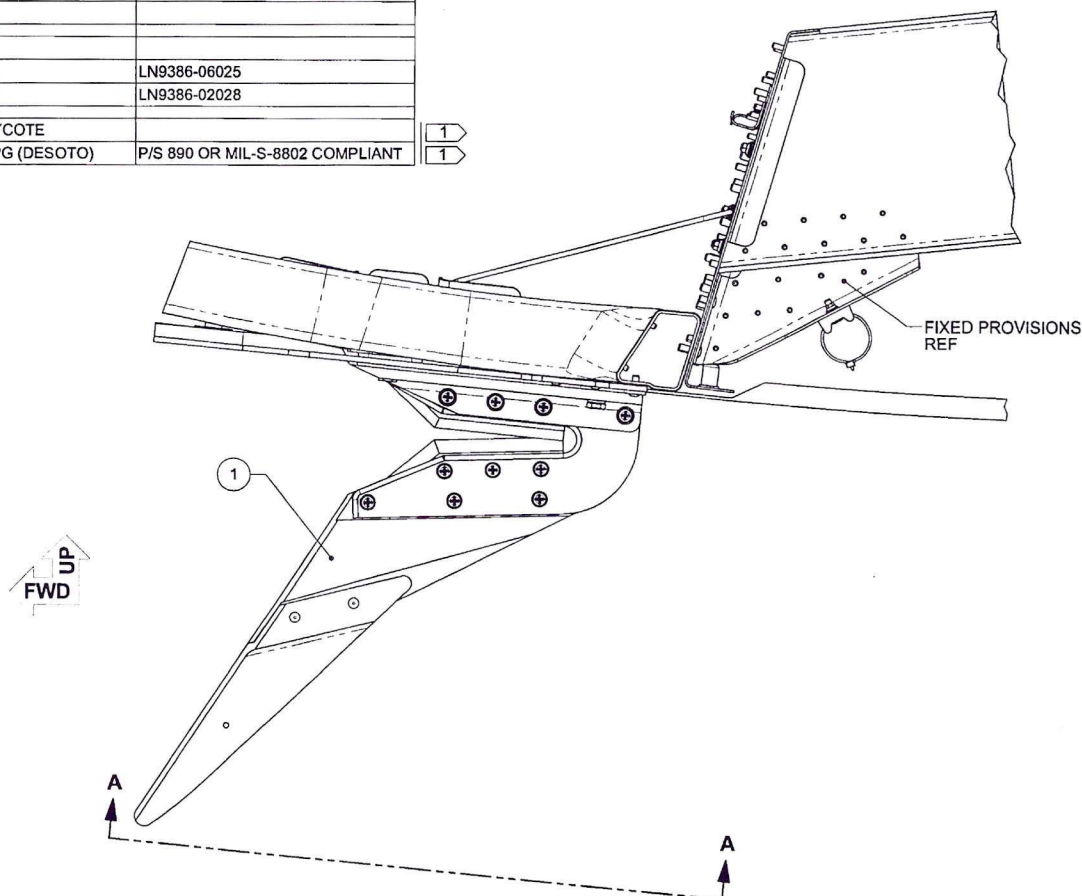
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

ITEM	QTY -211	P/N	DESCRIPTION	MANUFACTURER	ALTERNATE PART
	X	D130-1046-211	REMOVABLE PROVISIONS, LOWER		
1	1	D5555-041	CUTTER ASSEMBLY, LOWER		
2	4	D5620-M5-12	SCREW, BRASS (M5)		
3	4	LN9016-06K	WASHER, BEVELLED (M6)		
4	2	LN9386-06025A	BOLT, TITANIUM (M6)		LN9386-06025
5	2	LN9386-06028A	BOLT, TITANIUM (M6)		LN9386-02028
6	A/R	NYCOTE 7-11BL	PROTECTIVE COATING	NYCOTE	
7	A/R	PR1440	SEALANT	PPG (DESOTO)	P/S 890 OR MIL-S-8802 COMPLIANT



D130-1046-211 REMOVABLE PROVISIONS, LOWER
(PITOT TUBE NOT SHOWN FOR CLARITY)

NOTES:

- 1) NOT INCLUDED IN KIT. TO BE FURNISHED BY INSTALLER.
- 2) INSTALL FASTENERS WET WITH SEALANT (ITEM 7).
- 3) COAT ALL FAYING SURFACES WITH SEALANT (ITEM 7).
- 4) CONTACT AREA TO BE CLEAN OF ALL NON-CONDUCTIVE COAT ($\phi 8\text{mm}$ (0.32")) AFTER ASSEMBLY BARE METAL SURFACES TO BE PROTECTED WITH ITEM 6
- 5) FILLET SEAL AROUND FASTENER HEADS WITH SEALANT (ITEM 7).
- 6) FILLET SEAL AROUND BASE OF LOWER CUTTER ASSEMBLY (ITEM 1) WITH SEALANT (ITEM 7).

APPROVED

A	NEW ISSUE	AJS	18.03.09
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS		
DRAWN	AJS		
CHECKED	CP		
MFG. APPR.	N/A		
APPROVED	HS		
DE APPR.	CP		
DATE	18.03.09		

DART AEROSPACE USA, INC.
EUGENE, OR

DRAWING NO. **D130-1046-211** REV. A
SHEET 1 OF 2
TITLE **REMOVABLE PROVISIONS, LOWER** SCALE NTS

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